

F1G. 1

F16. 2

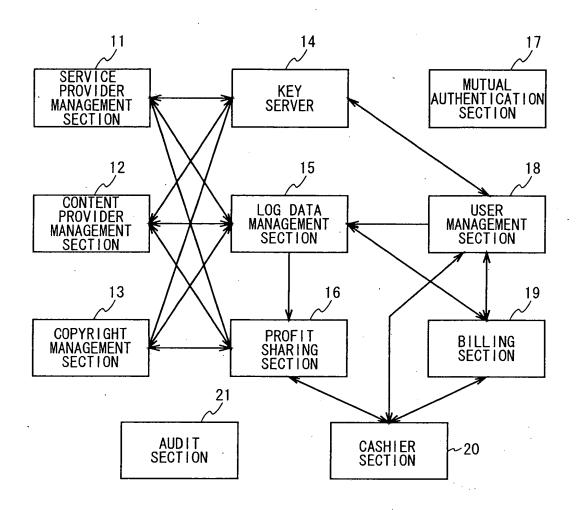
CONTENT KEY

ട്ട

CONTENT

2-1-2

.



EMD SEVICE CENTER 1

FIG. 3

							-											
24																		
DELIVERY KEYS POSSESSED BY EMD SERVICE CENTER	VALIDITY PERIOD	END	1998/1/31	1998/2/28	1998/3/31	1998/4/30	1998/5/31	1998/6/30					CEIVER	VALIDITY PERIOD	END	1998/1/31	1998/2/28	1998/3/31
BY EMD SE	VALIDIT	START	1998/1/1	1998/2/1	1998/3/1	1998/4/1	1998/2/1	1998/6/1		SEND DEL IVERY	 S	1	SSED BY RE	VALIDITY	START	1998/1/1	1998/2/1	1998/3/1
S POSSESSED	VERSTON			2	3	4	5	9		SELI			DELIVERY KEYS POSSESSED BY RECEIVER	VERCION	VENO I OIN	•	2	3
ELIVERY KEY	DEL I VERY	KEY	aaaaaaa	qqqqqqqq	2222222	ddddddd	еееееее	ffffffff	-	,		,	DEL I VERY	DELIVRY	KEY	aaaaaaa	qqqqqqq	2222222
	,	DELIVERY	KEY	used ,		SEND SEND	KEYS								DEL I VERY	KEY IREN	000	
SSED BY CONTENT PROVIDER	TY.	START END	1998/1/1 1998/1/31	1998/2/1 1998/2/28	1998/3/1 1998/3/31	1998/4/1 1998/4/30	1998/5/1 1998/5/31	1998/6/1 1998/6/30										
DELIVERY KEYS POSSESSED BY	VERSION		-	2	3	4	2	9	٠.		-							
DEL IVERY	DELIVRY	NET	aaaaaaa	qqqqqqqq	၁၁၁၁၁၁၁၁	pppppppp	eeeeeee	ffffffff										
		DEL I VERY	KEY WEINGEN	0250														

F16. 4

24	•								•				
DELIVERY KEYS POSSESSED BY EMD SERVICE CENTER	7	END	1998/1/1 1998/1/31	1998/2/1 1998/2/28	1998/3/1 1998/3/31	1998/4/1 1998/4/30	1998/5/1 1998/5/31	1998/6/1 1998/6/30	1998/7/1 1998/7/31				
BY EM	VALID	SIAKI	1998/1	1998/2,	1998/3	1998/4	1998/5,	1998/6	1998/7,	ſ	 DEI LVERY	YS.I.	_\
YS POSSESSEI	VERSION		-	2	3	4	5	9	7		 7 - E		7/
JEL I VERY KE	DEL I VERY	NF.	aaaaaaa	qqqqqqqq	2020202	pppppppp	eeeeeee	ffffffff	gggggggg				
			1	JEL I VEKY	USED		/ SEND	OELIVERY:					
TENT PROVIDI	VALIDITY PERIOD	END	1998/2/1 1998/2/28	1998/3/1 1998/3/31 DELIVERY KFY	1998/4/1 1998/4/30	1998/5/1 1998/5/31	1998/6/1 1998/6/30	1998/7/1 1998/7/31	٠				
SED BY CON	VALIDIT	SIARI	1998/2/1	1998/3/1	1998/4/1	1998/5/1	1/9/8661	1998/7/1		٠			
DELIVERY KEYS POSSESSED BY CONTENT PROVIDER	VERSION		2	3	4		9	7					•
DEL I VERY	DEL IVERY KFY	1	qqqqqqqq	၁၁၁၁၁၁၁၁	pppppppp	еееееее	ffffffff	gggggggg				-	
	,	DEI IVERY	KEY KEY	USED									

ODSOST TYTEL CO

DELIVERY KEYS POSSESSED BY RECEIVER	VALIDITY PERIOD START END	1998/2/1 1998/2/28	1998/3/1 1998/3/31	1998/4/1 1998/4/30
KEYS POSSE	VERSION	2	3	4
DEL I VERY	DEL IVERY Key	qqqqqqqq	ວວວວວວວ	pppppppp
		DEL I VERY KEY KEY	ÚSED	

TER			•				•						
DELIVERY KEYS POSSESSED BY EMD SERVICE CENTER	VALIDITY PERIOD START END	1998/1/31	1998/2/1 1998/2/28	1998/3/1 1998/3/31	1998/4/1 1998/4/30	1998/5/31	1998/6/30	1998/7/1 1998/7/31	1998/8/31				
ED BY EMD S	VALIDIT	1998/1/1	1998/2/1	1998/3/1	1998/4/1	1998/2/1	1/9/8661	1/2/8661	1998/8/1	END	DELIVERY		\
YS POSSESSE	VERSION	-	2	3	4	5	9	7	8	<u>.</u>		= 	/
EL I VERY KE	DEL IVERY Key	aaaaaaaa	qqqqqqq	2222222	pppppppp	eeeeeee	ffffffff	gggggggg	hhhhhhhh				
	SEND	KEYS	NEI IVEDV	VCLIVENI KEY ——▶	USED								
CONTENT PROVIDER	VALIDITY PERIOD START END	98/3/1 1998/3/31	98/4/1 1998/4/30	98/5/1 1998/5/31	98/6/1 1998/6/30	98/7/1 1998/7/31	98/8/1 1998/8/31						
D BY CONT	VAL IDI START	1998/3/1	1998/4/1	1998/5/1	1998/6/1	1998/7/1	1998/8/1	~					
YS POSSESSE	VERSION	က	4	5	9	7	8						
DELIVERY KEYS POSSESSED BY	DEL I VERY KEY	၁၁၁၁၁၁၁	pppppppp	eeeeeee	ffffffff	gggggggg	hhhhhhhh						
	,	KEY KEY	USED										

 DELIVERY
 KEYS
 POSSESSED
 BY RECEIVER

 DELIVERY
 VERSION
 VALIDITY PERIOD

 KEY
 START
 END

 KEY
 3
 1998/3/1
 1998/3/3

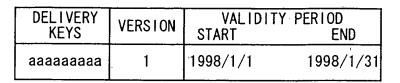
 USED
 ddddddddd
 4
 1998/4/1
 1998/4/30

 eeeeeeee
 5
 1998/5/1
 1998/5/31

F1G. 6

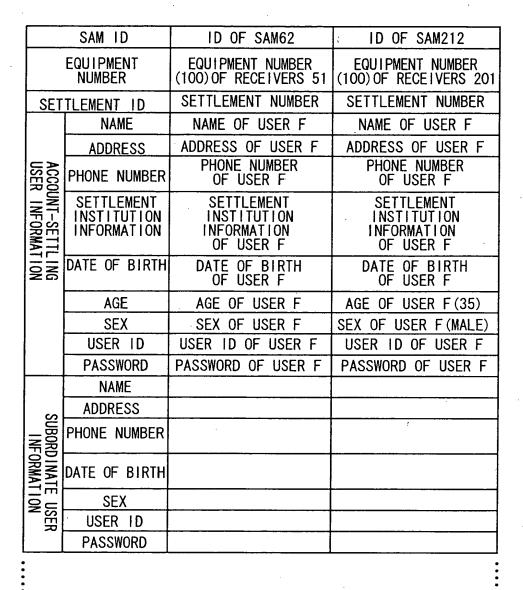
ËR																				
DELIVERY KEYS POSSESSED BY EMD SERVICE CENTER	VALIDITY PERIOD START END	1998/1/31	1998/2/28	1998/3/31	1998/4/30	1998/5/31	1998/6/30	1898/7/31	1998/8/31	1998/9/30	y.				CEIVER	VALIDITY PERIOD	END	1998/4/30	1998/5/31	1998/6/30
D BY EMD S	VALIDIT START	1998/1/1	1998/2/1	1998/3/1	1998/4/1	1998/5/1	1/9/8661	1/2/8661	1/8/861	1/6/8661		DELTVERY		1	SSED BY RE	VALIDIT	START	1998/4/1	1/9/8661	1/9/8661
YS POSSESSE	VERSION	-	2	3	4	5	9	7	8	6			₹	1	DELIVERY KEYS POSSESSED BY RECEIVER	10010011/1	VEKSION	4	2	9
EL I VERY KEY	DEL IVERY KEY	aaaaaaaa	qqqqqqqq	00000000	- ddddddd	eeeeeee	ffffffff	gggggggg	hhhhhhhh	!!!!!!!!!					DEL I VERY	DEI IVERY	KEY	ppppppppp	eeeeeee	ffffffff
-	SEND	KEYS /		DEL IVERY	KEY	. USED	·										JEL I VERY	KEY	USED	
BY CONTENT PROVIDER	VALIDITY PERIOD START END	1998/4/30	1998/5/31	1998/6/30	1998/7/31	1998/8/31	1998/9/30												•	
D BY CONTE	VALIDIT START	1998/4/1	1998/5/1	1/9/8661	1998/7/1	1998/8/1	1998/9/1						•							
S POSSESSE	VERSION	4	2	9	7	8	6													
DELIVERY KEYS POSSESSED	DEL IVERY KEY	ppppppppp	еееееее	ffffffff	gggggggg	hhhhhhhh		,												
Δ,	. >QUA	KEY KEY	USED			•							•		·					

FIG



TEMPORARY DELIVERY KEYS Kd

FIG. 8



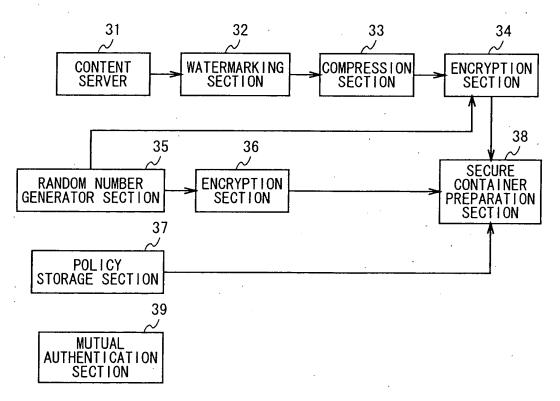
<u> </u>	,	
USE POINT INFORMATION	USE POINT INFORMATION OF RECEIVERS 51	USE POINT INFORMATION OF RECEIVERS 201

SYSTEM REGISTRATION INFORMATION

USER	PROVIDER	USE POINT
ACCOUNT- SETTLING USER	CONTENT PROVIDER2-1 CONTENT PROVIDER2-2 SERVICE PROVIDER3-1 SERVICE PROVIDER3-2	222POINTS 123POINTS 345POINTS 0POINT

USE POINT INFORMATION

FIG. 10



CONTENT PROVIDER 2-1

FIG. 11

CONTENT PROVIDER

UCP VALIDITY UCP ID

CONTENT ID

USAGE, CONDITIONS 10

									-		1								
ID OF CONTENT A	ID OF CONTENT PROVIDER 2-1	ID OF ucpB	VALIDITY PERIOD OF LICEB	200 POINTS OF LOWER	NO CONDITION	ID OF USAGE DETAILS 21	Pay Per Play 4	REPRODUCTION FOUR TIMES	NOT PERMITTED		ID OF USAGE DETAILS 22	Pay Per Copy 2	DUPLICATES TWO TIMES		NOI PERMITED				
T 10	VIDER ID	0	Y PERIOD	USER CONDITIONS 20	EQUIPMENT CONDITIONS 20	10 21	TYPE 21	PARAMETER 21	CONTROL TRANSFER	INFORMATION 21	ID 22	TYPE 22	PARAMETER 22	CONTROL TRANSFER	INFORMATION 22	ucPB			
CONTENT ID	CONTENT PROVIDER ID	OI JON	UCP VALIDITY PERIOD	DO STATE DETAILS OF	USAGE DEIAILS 20			USAGE DETAILS 21					USAGE DETAILS 22						
								ω											
	. ∣⊃∣	PERIOD OF UCPA	200 POINTS OR HIGHER	NO CONTIDION ID OF USAGE	PURCHASE AND REPRONICE		PERMITTED		FIRST-GENERATION DUPLICATE	× × ×	NOT PERMITTED		DETAILS 13 LIMITED-TIME	1	NOT PERMITTED	0	TAILS 14	Pay Per Copy 5	DUPLICATES FIVE TIMES
ID OF CONTE	JF CON		USER CONDITIONS 10	CONDITIONS 10	TYPE 11	PARAMETER 11 CONTROI TRANSFER	PERMISSION	INFORMALION 11	TYPE 12	PARAMETER 12	CONTROL TRANSFER PERMISSION INFORMATION 12		TYPE 13	PARAMETER 13	CONTROL TRANSFER PERMISSION	INFORMATION 13		TYPE 14	PARAMETER 14

UCPA

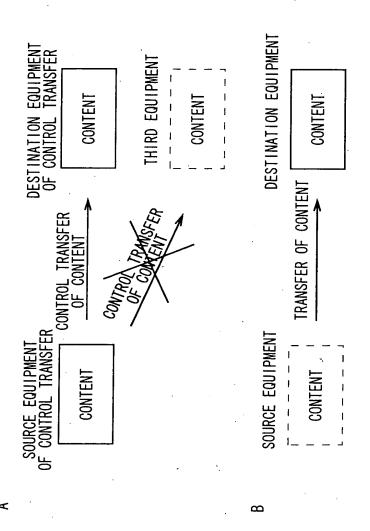
NOT PERMITTED

USAGE DETAILS 14

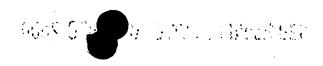
USAGE DETAILS 11

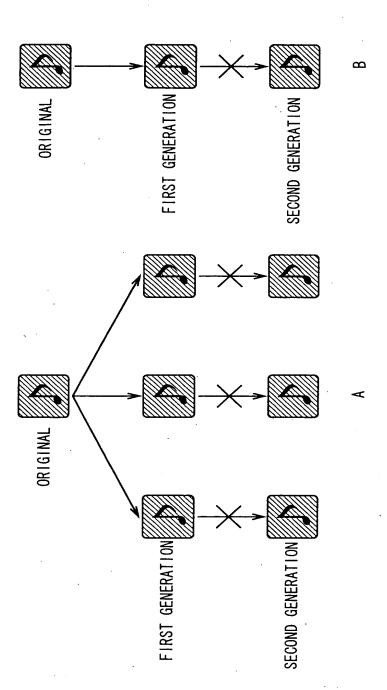
USAGE DETAILS 12

USAGE DETAILS 13



F16. 13





F1G. 14



SERVICE CODE	INDICATION
0000h	NO CONDITION
0001h T0 00FFh	WITH CONDITIONS FOR EQUIPMENT
0100h T0 01FFh	WITH CONDITIONS FOR SEX
0200h T0 02FFh	WITH CONDITIONS FOR AGE
0300h T0 7FFFh	WITH OTHER CONDITIONS
8000h TO FFFFh	WITH CONDITIONS FOR USE POINT

В

CONDITION CODE	INDICATION
00h	NO CONDITION
01h	= .
02h	≠
. 03h	< (SMALLER)
04h	> (LARGER)
05h	≦(EQUAL OR SAMLLER)
06h	≧ (EQUAL OF LARGER)
07h TO FFh	FREE

FIG. 15

A

USER	SERVICE CODE	VALUE CODE	CONDITION CODE
CONDITIONS 10	$80 \times \times h$.0000C8h	06h
L GO I I III LITT	SERVICE CODE	VALUE CODE	CONDITION CODE
CONDITIONS 10	0000h	FFFFFFh	00h

USAGE CONDITIONS 10 OF UCPA

В

) OOLIN		VALUE CODE	CONDITION CODE			
CONDITIONS 20	$80 \times \times h$	0000C8h	03h			
Lao		VALUE CODE	CONDITION CODE			
CONDITIONS 20	0000h	FFFFFFh	00h			

USAGE CONDITIONS 20 OF UCPB

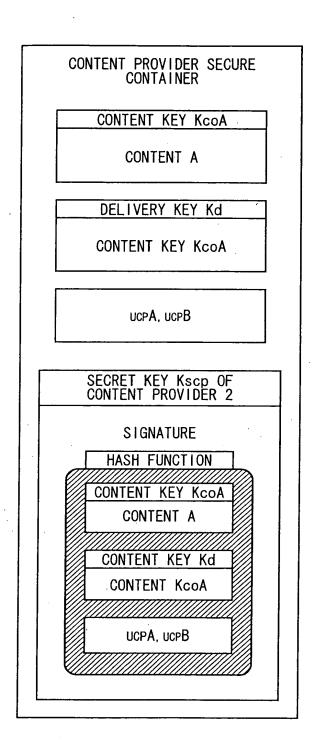


FIG. 17

AUTHENTICATION CERTIFICATE OF CONTENT PROVIDER 2-1

VERSION NUMBER OF AUTHENTICATION CERTIFICATE

SERIAL NUMBER OF AUTHENTICATION CERITIFICATE ASSIGNED BY CERTIFICATION AGENCY

ALGORITHM AND PARAMETERS USED FOR SIGNATURE

NAME OF CERTIFICATION AGENCY

VALIDITY PERIOD OF AUTHENTICATION CERTIFICATE

NAME (ID) OF CONTENT PROVIDER 2-1

PUBLIC KEY Kpcp OF CONTENT PROVIDER 2-1

SECRET KEY Ksca OF CERTIFICATION
AGENCY

SIGNATURE

HASH FUNCTION

VERSION NUMBER OF AUTHENTICATION CERTIFICATE

SERIAL NUMBER OF AUTHENTICATION CERITIFICATE ASSIGNED BY CERTIFICATION AGENCY

ALGORITHM AND PARAMETERS USED FOR SIGNATURE

NAME OF CERTIFICATION AGENCY

VALIDITY PERIOD OF AUTHENTICATION CERTIFICATE

NAME (ID) OF CONTENT PROVIDER 2-1

PUBLIC KEY Kpcp OF CONTENT PROVIDER 2-1

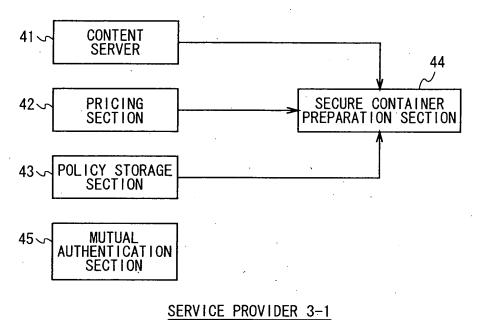


FIG. 19

4	

-	CONTENT ID	ID OF CONTENT A	
	CONTENT PROVIDER ID	ID OF CONTENT PROVIDER 2-1	-
	UCP ID	ID OF ucp A	
	SERVICE PROVIDER ID	ID OF SERVICE PROVIDER 3-1	ļ —
	PT 10	ID OF PTA-2	
	PT VALIDITY PERIOD	VALIDITY PERIOD OF PTA-2	
	PRICING	USER CONDITIONS 20 FEMALE	
	CONDITIONS 20	EQUI PMENT NO	
		20 COND	SS
	PRICE 21	1000YEN	
	PRICE 22	300YEN	
	PRICE 23	20YEN	
	PRICE 24	150YEN	
			١

CONDITIONS

EQUIPMENT CONDITIONS 10 2000YEN 600YEN 100YEN 300YEN

MALE

USER CONDITIONS 10

VALIDITY PERIOD OF PTA-1

PT VALIDITY PERIOD

PRICING CONDITIONS 10

ID OF PTA-1

PTA-2

PTA-1

F1G. 20

 \prec

CONTENT 1D

ID OF CONTENT PROVIDER 2-1

CONTENT PROVIDER

UCP ID.

ID OF uce A

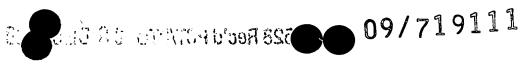
ID OF CONTENT A

ID OF SERVICE PROVIDER 3-

SERVICE PROVIDER ID

PRICE 12 PRICE 13 PRICE 14

PRICE 11



005.1	SERVICE CODE	VALUE CODE	CONDITION CODE
CONDITIONS 10	01 × × h	000000h	01h
L GO I I III LIII	SERVICE CODE	VALUE CODE	CONDITION CODE
CONDITIONS 10	0000h	FFFFFFh	00h

USAGE CONDITIONS 10 OF PTA-1

. **B**

'00_ 1		VALUE CODE	CONDITION CODE
CONDITIONS 20	01 × × h	000001h	01h
EQUIPMENT		VALUE CODE	CONDITION CODE
CONDITIONS 20	0000h	FFFFFFh	00h

USAGE CONDITIONS 20 OF PTA-2

入

ID OF CONTENT A	CONTENT ID	ID OF CONTENT A
1D OF CONTENT PROVIDER 2-1	CONTENT PROVIDER ID	CONTENT PROVIDER ID ID OF CONTENT PROVIDER 2-1
ID OF ucp B	UCP ID	ID OF ucpB
ID OF SERVICE PROVIDER 3-1	SERVICE PROVIDER ID	SERVICE PROVIDER ID 10 OF SERVICE PROVIDER 3-1
ID OF PTB-1	PT 10	10 OF PTB-2
VALIDITY PERIOD OF PTB-1	PT VALIDITY PERIOD	VALIDITY PERIOD OF PTB-2
CONDITIONS 30 CONDITIONS	PRICING	CONDITIONS 40 CONDITIONS
CONDITIONS 30 EQUIPMENT	CONDITIONS 40	CONDITIONS 40 EQUIPMENT
100YEN	PRICE 41	50YEN
300YEN	PRICE 42	150YEN

CONTENT PROVIDER ID

CONTENT 1D

SERVICE PROVIDER ID

UCP ID

PT VALIDITY PERIOD

PRICING CONDITIONS 30

PTB-2

F1G. 22

PTB-1

PRICE 32 PRICE 31

Α

USER	SERVICE CODE	VALUE CODE	CONDITION CODE
CONDITIONS 30	0000h	FFFFFFh	00h
EQUIPMENT	SERVICE CODE	VALUE CODE	CONDITION CODE
CONDITIONS 30	$00 \times \times h$	000064h	03h

USAGE CONDITIONS 30 OF PTB-1

В

USER	SERVICE CODE	VALUE CODE	CONDITION CODE
CONDITIONS 40	0000h	FFFFFFh	00h
EQUIPMENT	SERVICE CODE	VALUE CODE	CONDITION CODE
CONDITIONS 40	00 × × h	000064h	06h

USAGE CONDITIONS 40 OF PTB-2

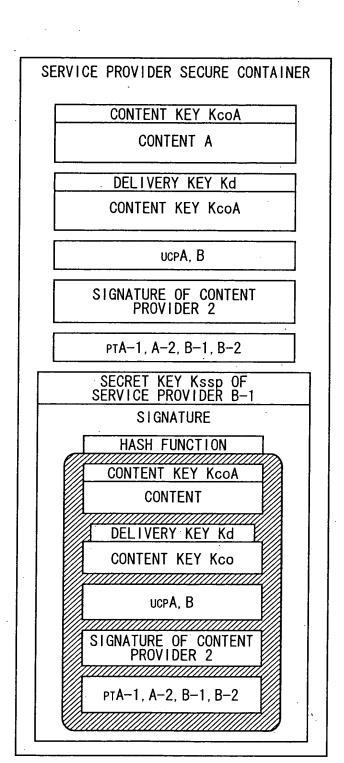


FIG. 24

 $q_{\alpha_{i_{1}, \alpha_{i_{2}, \alpha_{i_{1}}}}}$



AUTHENTICATION CERTIFICATE OF SERVICE PROVIDER 3-1

VERSION NUMBER OF AUTHENTICATION CERTIFICATE

SERIAL NUMBER OF AUTHENTICATION CERTIFICATE ASSIGNED BY CERTIFICATION AGENCY

ALGORITHM AND PARAMETERS USED FOR SIGNATURE

NAME OF CERTIFICATION AGENCY

VALIDITY PERIOD OF AUTHENTICATION CERTIFICATE

NAME (ID) OF SERVICE PROVIDER 3-1

PUBLIC KEY Kpsp OF SERVICE PROVIDER 3-1

SECRET KEY Ksca OF CERTIFICATION AGENCY

SIGNATURE

HASH FUNCTION

VERSION NUMBER OF AUTHENTICATION CERTIFICATE

SERIAL NUMBER OF AUTHENTICATION CERTIFICATE ASSIGNED BY CERTIFICATION AGENCY

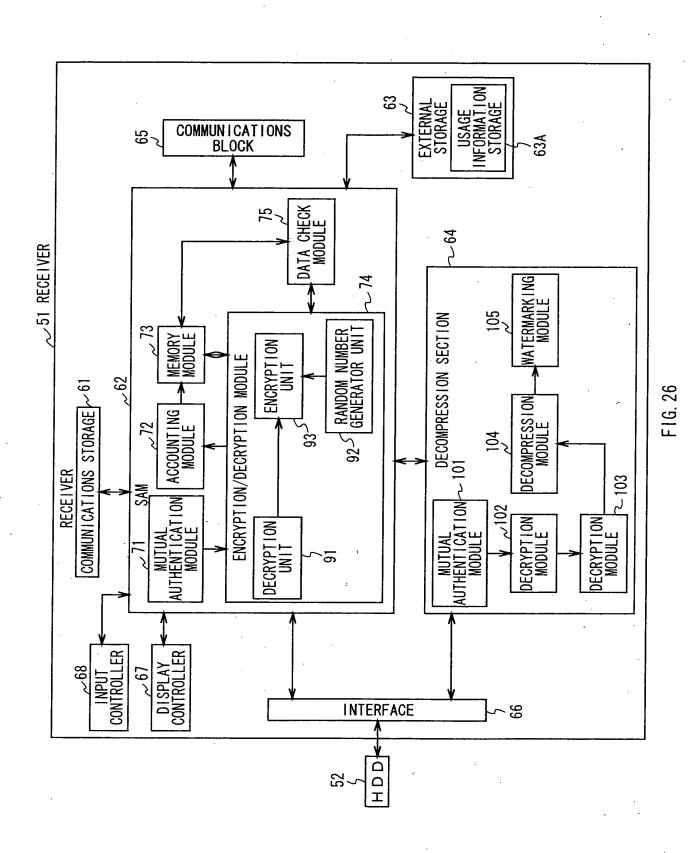
ALGORITHM AND PARAMETERS USED FOR SIGNATURE

NAME OF CERTIFICATION AGENCY

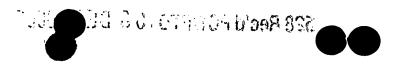
VALIDITY PERIOD OF AUTHENTICATION CERTIFICATE

NAME (ID) OF SERVICE PROVIDER 3-1

PUBLIC KEY Kpsp OF SERVICE PROVIDER 3-1



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AUTHENTICATION CERTIFICATE OF SAM 62

VERSION NUMBER OF AUTHENTICATION CERTIFICATE

SERIAL NUMBER OF AUTHENTICATION CERTIFICATE ASSIGNED BY CERTIFICATION AGENCY

ALGORITHM AND PARAMETERS USED FOR SIGNATURE

NAME OF CERTIFICATION AGENCY

VALIDITY PERIOD OF AUTHENTICATION CERTIFICATE

NAME(ID) OF SAM 62

PUBLIC KEY Kpu OF SAM 62

SECRET KEY Ksca OF CERTIFICATION AGENCY

SIGNATURE

HASH FUNCTION

VERSION NUMBER OF AUTHENTICATION CERTIFICATE

SERIAL NUMBER OF AUTHENTICATION CERTIFICATE ASSIGNED BY CERTIFICATION AGENCY

ALGORITHM AND PARAMETERS USED FOR SIGNATURE

NAME OF CERTIFICATION AGENCY

VALIDITY PERIOD OF AUTHENTICATION CERTIFICATE

NAME(ID) OF SAM 62

PUBLIC KEY Kpu OF SAM 62

PARAMETER INDICATING WHETHER GIVEN SAM IS SUBORDINATE TO OTHER SAM



CONT	ENT ID	ID OF CONTENT A
CONTENT PROVIDER ID		ID OF CONTENT PROVIDER 2-1
UCP_ID		ID OF UCPA
UCP	VALIDITY PERIOD	VALIDITY PERIOD OF UCPA
SERV	ICE PROVIDER ID	ID OF SERVICE PROVIDER 3-1
PT I	D	ID OF PTA-1
PT VALIDITY PERIOD		VALIDITY PERIOD OF PTA-1
UCS ID		ID OF ucsA
SAM ID		ID OF SAM62
USER ID		ID OF USER F
	1D	ID OF USAGE DETAILS 11
	TYPE	PURCHASE AND REPRODUCE
USAG Detai	PARAMETER	×××
AGE VILS	CONTROL TRANSFER STATUS	SOURCE: ID OF SAM62, DESTINATION: ID OF SAM62
Ü	SAGE HISTORY	×××

ucsA

FIG. 28

BLOCK BP-1 CUSAGE INFORMATION MEMORY AREA RP-1
USAGE INFORMATION MEMORY AREA RP-3
USAGE INFORMATION MEMORY AREA RP-N
USAGE INFORMATION MEMORY AREA RP-N

BLOCK BP-M

USAGE INFORMATION MEMORY AREA RP-1

USAGE INFORMATION MEMORY AREA RP-2

USAGE INFORMATION MEMORY AREA RP-N

USAGE INFORMATION STORAGE 63A

F1G. 29



CONTENT ID	ID OF CONTENT A
CONTENT PROVIDER ID	ID OF CONTENT PROVIDER 2-1
UCP ID	ID OF UCPA
UCP VALIDITY PERIOD	VALIDITY PERIOD OF UCPA
SERVICE PROVIDER ID	ID OF SERVICE PROVIDER 3-1
PT ID	ID OF PTA-1
PT VALIDITY PERIOD	VALIDITY PERIOD OF PTA-1
UCS ID	ID OF ucsA
SAM ID	ID OF SAM62
USER ID	ID OF USER F
US.	ID OF USAGE DETAILS 11
USAGE TYPE	PURCHASE AND REPRODUCE
₽ PARAMETER	×××
PARAMETER CONTROL TRANSFER STATUS	SOURCE: ID OF SAM62, DESTINATION: ID OF SAM62
ACCOUNTING HISTORY	×××

ACCOUNTING INFORMATION A

PU	BLIC KEY Kpu OF SAM62		
SECRET KEY Ksu OF SAM62			
PUBLIC KEY Kp	Desc OF THE EMD SERVICE CENTER 1		
PUBLIC KEY K	pca OF THE CERTIFICATION AGENCY		
	SAVE KEY Ksave		
THREE	MONTHS' DELIVERY KEYS Kd		
	•		
	:		
AUTHENT L	CATION CERTIFICATE OF SAM62		
REF	ERENCE INFORMATION 51		
AC	ACCOUNTING INFORMATION		
•			
	•		
	•		
VERIFICATION VALUES HP-1	VERIFICATION VALUES HP-2		
	VERIFICATION VALUES HP-M		

FIG. 31



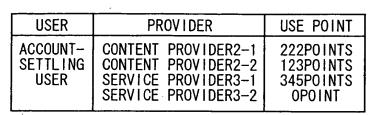


	SAM ID	ID OF SAM62
EQUIPMENT NUMBER		EQUIPMENT NUMBER(1000) OF RECEIVERS 51
SETTLEMENT ID		SETTLEMENT ID OF USER F
-	CHARGE LIMIT	FORMAL REGISTRATION
	NAME	NAME OF USER F
	ADDRESS	ADDRESS OF USER F
ACCO USER	PHONE NUMBER	PHONE NUMBER OF USER F
-NT	SETTLEMENT INSTITUTION INFORMATION	SETTLEMENT INSTITUTION INFORMATION OF USER F
SET SET	DATE OF BIRTH	DATE OF BIRTH OF USER F
AT!	ÁGE	AGE OF USER F(21 YEARS)
2 S S	SEX	SEX OF USER F
	USER ID	USER ID OF USER F
	PASSWORD	PASSWORD OF USER F
	NAME	
SUBORD	ADDRESS	·
중	PHONE NUMBER	
)RD I NATE NFORMATI	DATA OF BIRTH	
	SEX	
SISIN	USER ID	
罗	PASSWORD	

USE POINT	USE POINT INFORMATION
INFORMATION	OF RECEIVERS 51

REFERENCE INFORMATION 51





USE POINT INFORMATION OF REFERENCE 51

FIG. 33





LIST SECTION

STATUS SIGNATURE TO SIGNATURE TO FLAG CONDITIONS REGISTRATION LIST	× × ×							
SIGNATURE TO CONDITIONS	× × ×	× × ×						
STATUS FLAG	NO RESTRI- CTION	RESTRI- CTION						
MASTER EQUIPMENT	NONE	NONE						
ACCOUN- EQUIPMENT TING BILLED	ID OF SAM62	1D OF SAM212						
ACCOUN- TING	YES	YES						
PURCHA- SING	YES	YES						
SAM ID USER ID	ID OF USER ID SAM62 OF USER F	ID OF USER ID SAM212 OF USER A						
SAM ID	ID OF SAM62	ID OF SAM212						

DOVIGITI INDECO

SAM ID

ID OF SAM62

×××

×××

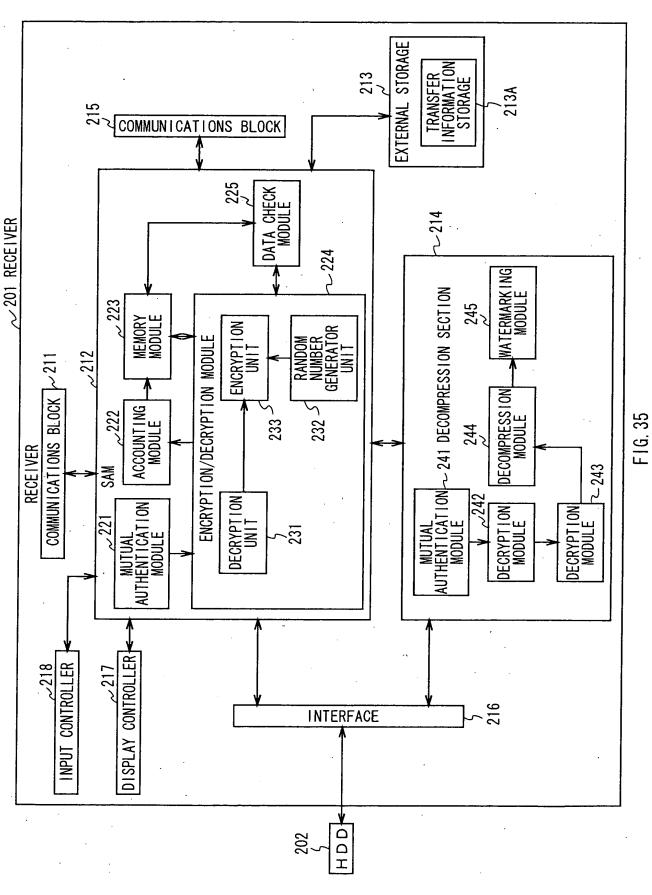
VERSION NUMBER

VALIDITY PERIOD

NUMBER OF EQUIPMENT CONNECTED

SAM INFORMATION SECTION

F16.34



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								·
CONTENT A ID, SAM62 ID, SAM212 ID	,							
KcoA			·					
RM-1	RM-2		RM-N		RM-1	RM-2		ŘM-N
AREA	AREA		AREA		AREA	AREA		AREA
USAGE INFORMATION MEMORY AREA RM-1	USAGE INFORMATION MEMORY AREA RM-2		USAGE INFORMATION MEMORY AREA RM-N		USAGE INFORMATION MEMORY AREA RM-1	USAGE INFORMATION MEMORY AREA RM-2		USAGE INFORMATION MEMORY AREA RM-N
VT I ON	VOI I	 ·	,TION		VIION	VI ON	- ·	NO I
INFORM	INFORMA		INFORMA		INFORMA	INFORMA		INFORMA
USAGE	USAGE		USAGE	·	USAGE	USAGE		USAGE
工 、					× *			
BLOCK BM-1			-	BLOCK BM-M				

JSAGE INFORMATION STORAGE 213A

-16.36



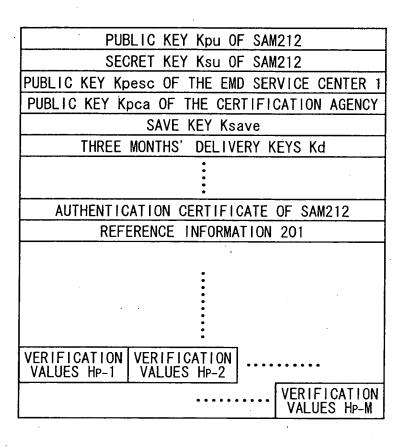


FIG. 37



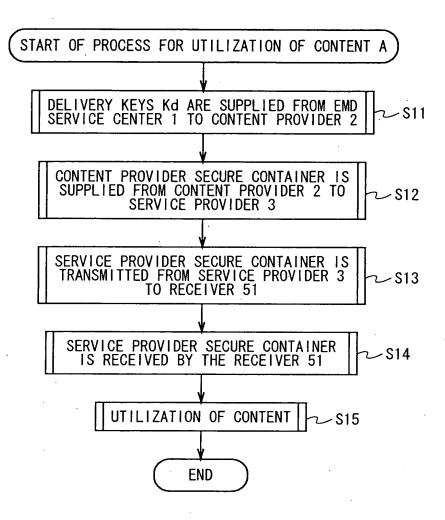


FIG. 38

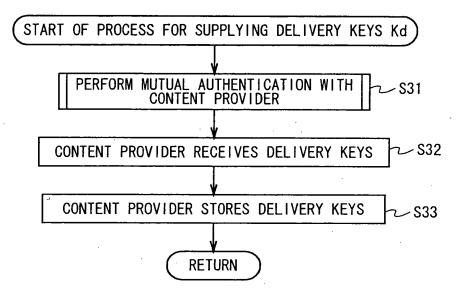
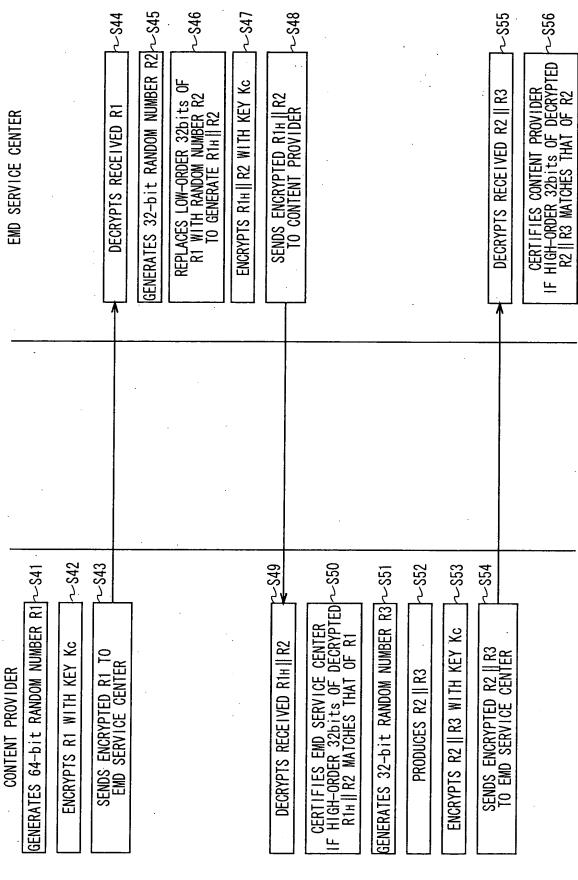
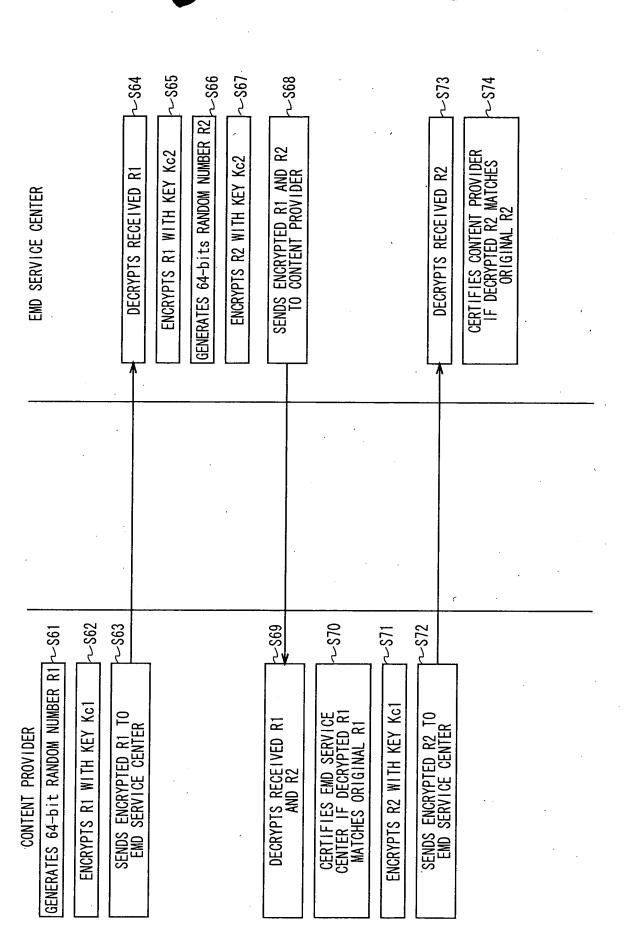


FIG. 39



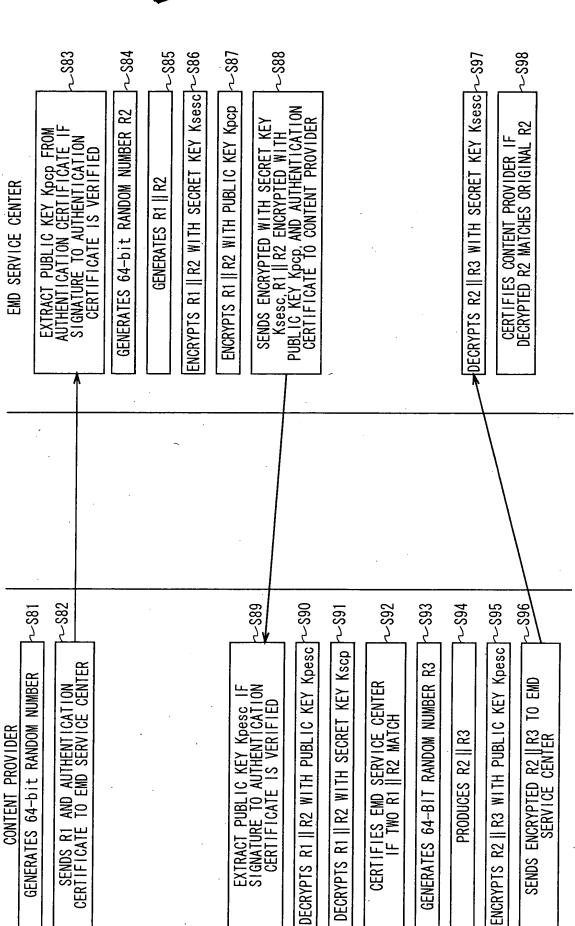


F1G. 40



F1G. 41





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F16. 42

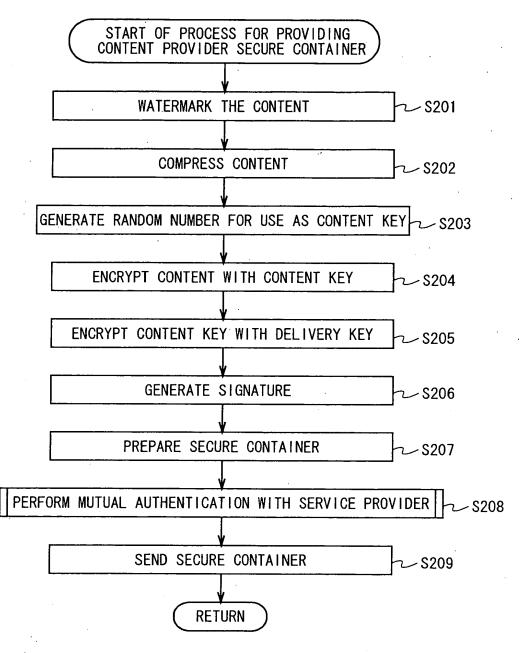
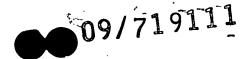


FIG. 43





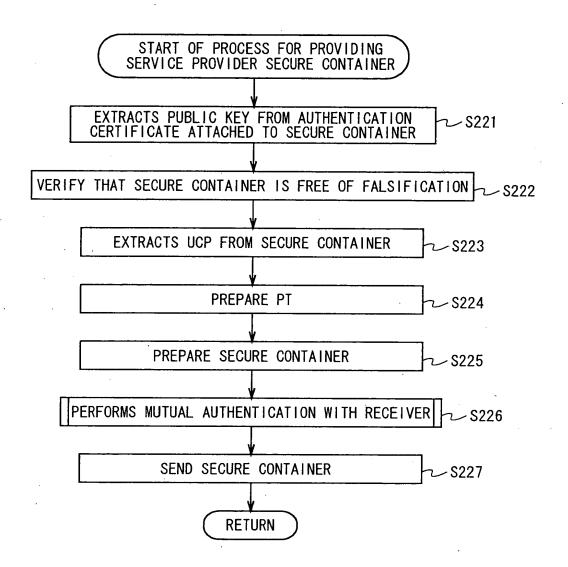
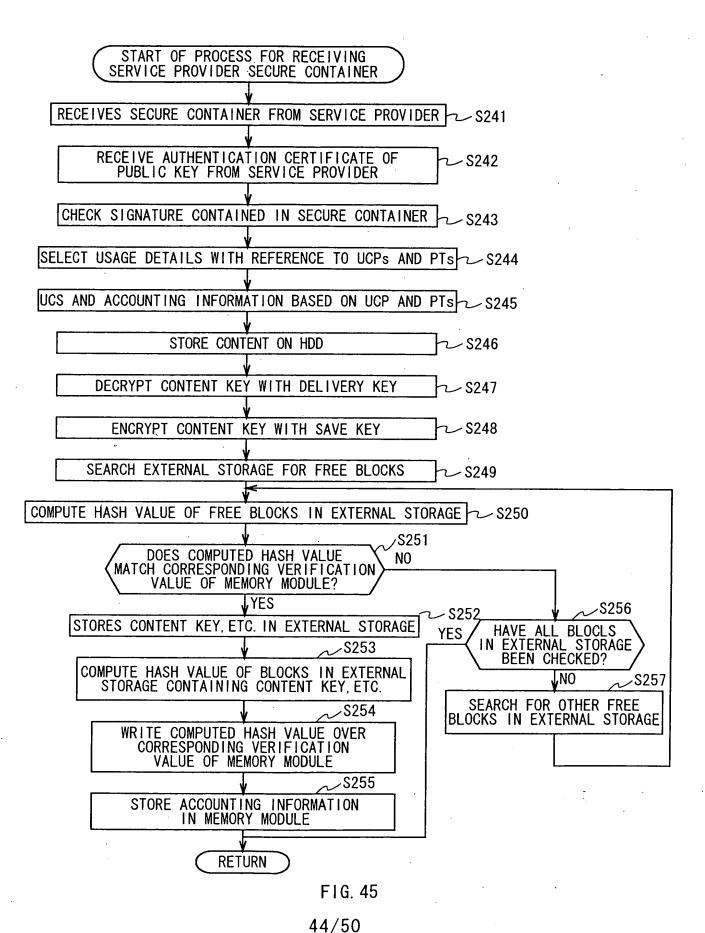
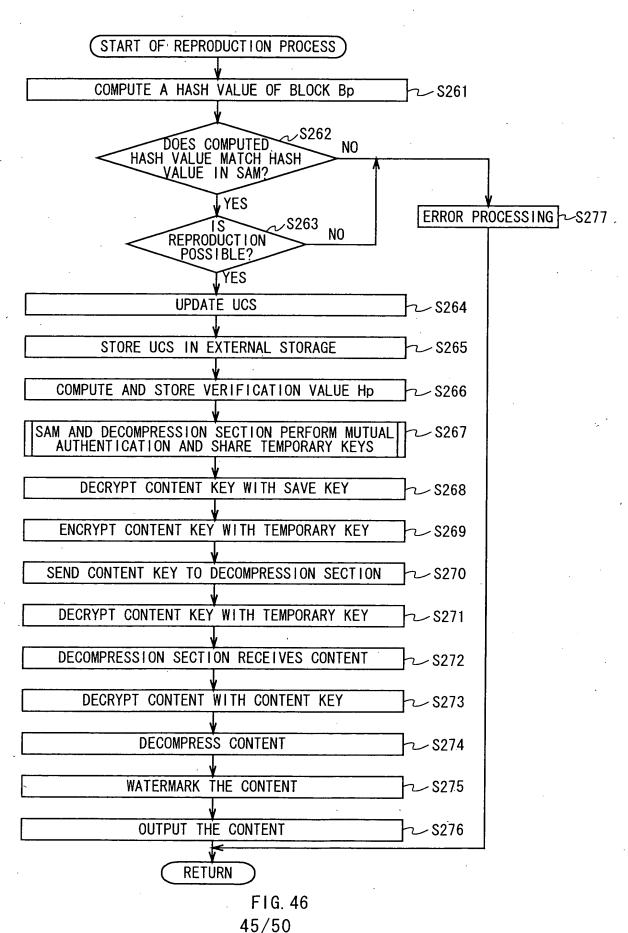


FIG. 44













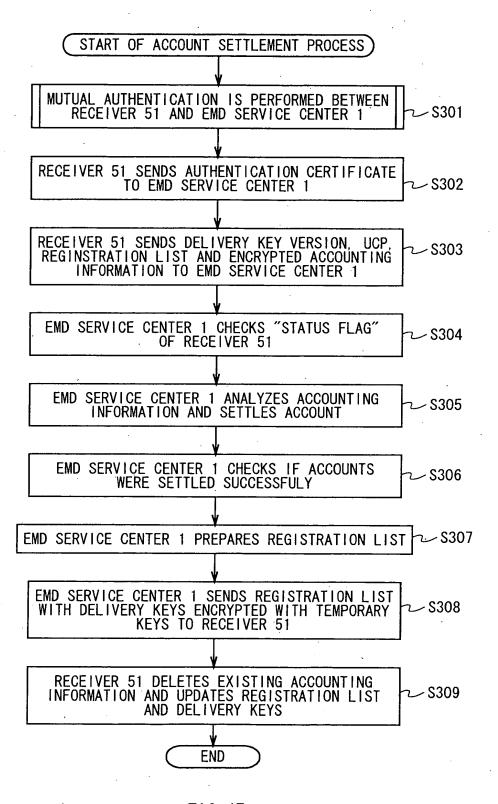
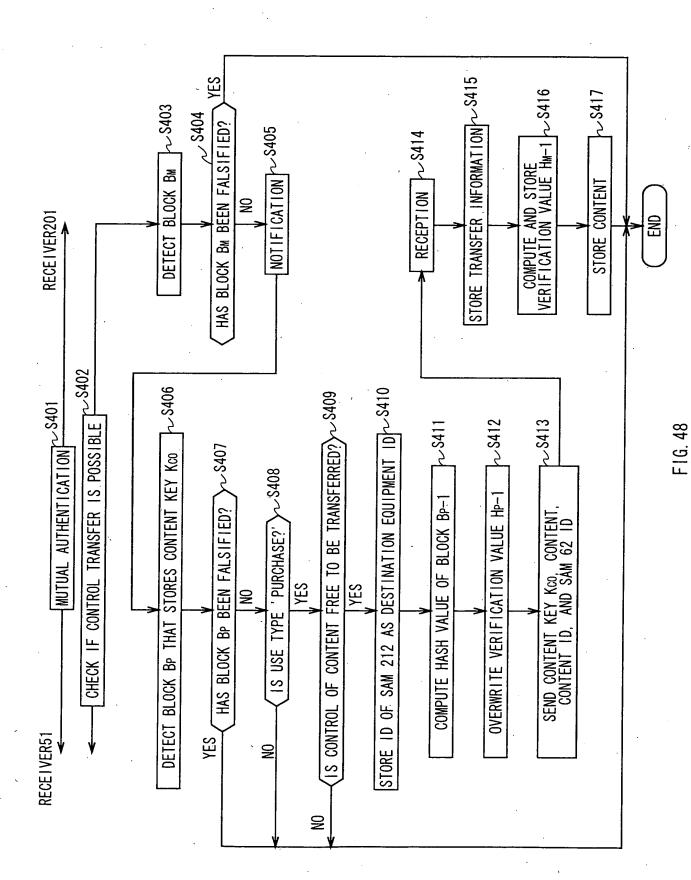


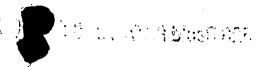
FIG. 47



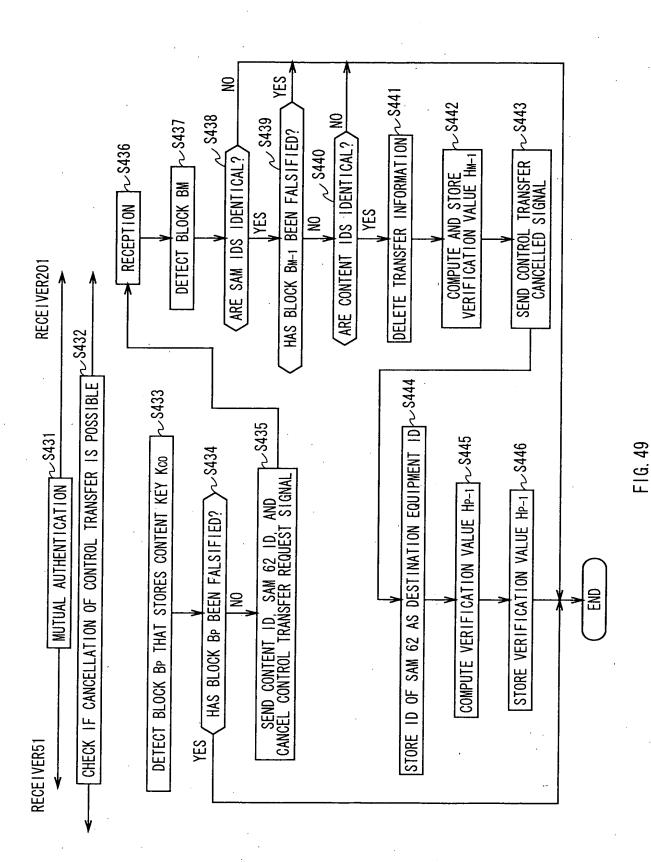




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Explanation of Reference Numerals

1 ... EMD service center, 2 ... content provider, 3 ... service provider, 5 ... user home network, 11 ... service provider management section, 12 ... content provider management section, 13 ... copyright management section, 14 ... key server, 15 ... log data management section, 16 ... profit-sharing section, 17 ... mutual authentication section, 18 ... user management section, 19 ... billing section, 20 ... cashier section, 21 ... audit section, 31 ... content server, 32 ... watermarking section, 33 ... compression section, 34 ... encryption section, 35 ... random number generator section, 36 ... encryption section, 37 ... policy storage section, 38 ... secure container preparation section, 39 ... mutual authentication section, 41 ... content server, 42 ... pricing section, 43 ... policy storage section, 44 ... secure container preparation section, 45 ... mutual authentication section, 51 ... receiver, 52 ... HDD, 61 ...communication block, 62 ... SAM, 63 ... external storage, 64 ... decompression section, 65 ... communication block, 66 ... interface, 67 ... display controller, 68 ... input controller, 71 ... mutual authentication module, 72 ... accounting module, 73 ... memory module, 74 ... encryption/decryption module, 75 ... data check module, 91 ... decryption unit, 92 ... random number generator unit, 93 ... encryption unit, 101 ... mutual authentication module, 102 ... decryption module, 103 ... decryption module, 104 ... decompression module, 105 ... watermarking module, 201 ... receiver, 202 ... HDD,



211 ... communication block, 212 ... SAM, 213 ... external storage, 214 ... decompression section, 215 ... communication block, 216 ... interface, 217 ... display controller, 218 ... input controller, 221 ... mutual authentication module, 222 ... accounting module, 223 ... memory module, 224 ... encryption/decryption module, 225 ... data check module, 231 ... decryption unit, 232 ... random number generator unit, 233 ... encryption unit, 241 ... mutual authentication module, 242 ... decryption module, 243 ... decryption module, 244 ... decompression module, 245 ... watermarking module.